

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	(crude)and(cooling)and(chamber)and(pressure)and(temperature)and(atmospheric)and(equivalent)and(boiling)and(point)and(residuum)and(sample).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/15 14:31

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/014,361	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/15 14:27
S2	184	208/40	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:21
S3	466	208/44	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:31
S4	1	(Equivalent adj temperature) same residu\$5 adj crude	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:34
S5	939	residu\$5 adj crude same pressure same temperature	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:46
S6	24	(residu\$5 adj crude) same pressure adj temperature	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:40
S7	6	(residu\$5 adj crude) same vacuum adj temperature	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:42
S8	2	(residu\$5 adj crude) same flash same pressure adj temperature	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:43
S9	35	(crude adj residu\$5) same (pressure adj temperature)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 07:47

## EAST Search History

S10	1	TGA same crude adj residu\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 08:16
S11	1	(crude adj residu\$4)same TGA	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 08:20
S12	21439	TGA	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 08:22
S14	96	TGA same crude	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 10:31
S15	1881	TGA same residu\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 08:27
S16	133	TGA same (mass adj spectromet\$5)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:35
S17	284	436/60	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 11:07
S18	341	436/155	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 11:33
S19	130	436/157	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:05
S20	12	"5699269"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:06

## EAST Search History

S21	15	"5602755"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:08
S22	9	"5600134"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:09
S23	62	"5446681"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:13
S24	47	"5218529"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:16
S25	7	"5121377"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:17
S26	25	"5119315"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:20
S27	27	"4631687"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:23
S28	25	"4159894"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:26
S29	9	"4388407"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:27
S30	8	"4388408"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:27

## EAST Search History

S31	112	73/19.02	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:45
S32	135	73/23.37	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:45
S33	39	73/23.38	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 12:57
S34	374	73/23.41	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 13:15
S35	220	73/25.01	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 13:23
S36	311	73/61.43	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/05 13:23
S37	73	208/4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 07:32
S38	361	208/22	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 07:47
S39	7536	(cooling same heating)same petroleum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 07:48
S41	189	(cooling adj heating)same petroleum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 08:26

## EAST Search History

S42	165	(cooling adj heating)same crude	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 08:00
S43	295	(cooling and heating)same crude adj petroleum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 08:01
S45	214	(low temperature adj cooling)and heating same petroleum adj crude	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 08:55
S52	176	208/347	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 10:17
S53	222	208/308	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 10:33
S54	85	208/361	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 10:37
S55	62	208/366	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 10:41
S75	787	(cool\$3) same (heat\$3 with(vacuum low near2pressure))and (petroleum near2 crude)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/10/06 14:12